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August 15, 2022

Mr. Eric Nold
Enforcement / Fund-Lead Removal Branch
U.S. Environmental Protection Agency Region VII
11201 Renner Blvd.
Lenexa, Kansas 66219

Re: Sentinel Industries, Ava, Missouri, Monthly Report – July 2022

Dear Mr. Nold:

July 2022 activities of general maintenance were completed.

The first semi-annual groundwater monitoring event was performed during the month of June 2022, the report of these activities is included with this letter.

There were no media or public inquiries.

Thank you,

Jacob Gallegos, R.G.
Environmental Manager
Lafser & Associates, Inc.

cc: Danny Farris, Sentinel Industries, Inc.
Dr. Mihai Lefticariu, MDNR
David Shorr, Lathrop & Gage, L.C.

40583861

August 15, 2022

Mr. Eric Nold
Enforcement / Fund-Lead Removal Branch
U.S. Environmental Protection Agency Region VII
11201 Renner Blvd.
Lenexa, Kansas 66219

Re: Sentinel Industries, Ava, Missouri, Semi-Annual Groundwater and Surface Water Sampling Report and Soil Sampling Results – June 2022

Dear Mr. Nold:

On June 28 and June 29, 2022, Lafser & Associates, Inc., (L&A) conducted the semi-annual groundwater and surface water sampling event at the site. A total of fifteen (15) groundwater samples were collected from the monitoring wells at the site. Groundwater samples were collected using a peristaltic pump connected to plastic tubing, which is dedicated for each individual well. One (1) duplicate sample was collected for QA/QC purposes from SENGW-16. Depth to water measurements collected during this event ranged from 2.56' feet below top of casing (BTOC) in EMMW25B to 8.46' feet BTOC in SENGW19.

Seven (7) surface water samples were collected in the creek, which flows through the site. Surface water samples were collected beginning at the downstream sample locations to avoid potential cross-contamination. No sheen or odors were noted in the surface water samples. The surface and groundwater data are summarized in the attached figures. Please refer to Table 1 for a summary of the previous 6-years of groundwater and surface water sampling.

No treated water was stored or discharged since the previous event.

During this sampling event, pentachlorophenol was detected in groundwater at concentrations ranging from 0.13 micrograms per liter (ug/L) in SENGW17 to 869 ug/L in SENGW10. The samples collected from SENGW10, SENGW16, and EMMW24B had concentrations exceeding the domestic use threshold of 1.0 ug/L, with concentrations ranging from 1.92 ug/L in EMMW24B to 869 ug/L in SENGW10. No other groundwater samples exceeded the domestic use threshold during this event. Results from this event were similar to those previously observed.

During this sampling event, pentachlorophenol was not detected in any of the (7) surface water samples. No surface water samples exceeded the domestic use threshold during this event.

The next groundwater sampling event is scheduled for November 2022.

Sincerely,

Jacob Gallegos, R.G.
Environmental Geologist
Lafser & Associates, Inc.

cc: Don Farris, Sentinel Industries, Inc.
Dr. Mihai Lefticariu, MDNR
David Shorr, Lathrop & Gage, L.C.

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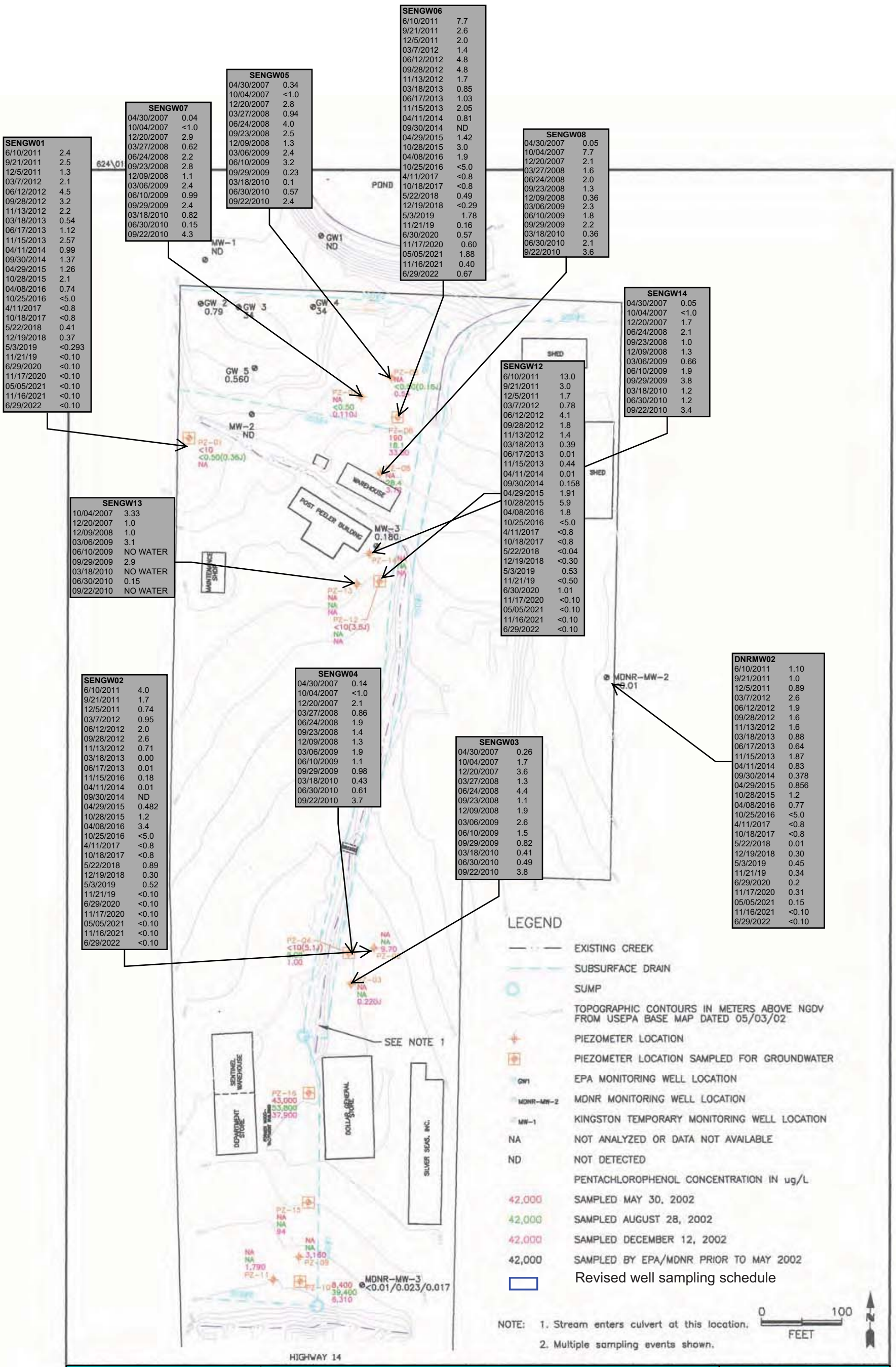
GROUNDWATER AND SURFACE WATER PENTACHLOROPHENOL DATA - PREVIOUS 6-YEARS
SENTINEL - AVA, MISSOURI
6/28/2022

Sample Type	Sample Location	Units	10/24/2016	4/11/2017	10/18/2017	5/22/2018	12/19/2018	5/2/2019	11/21/2019	6/29/2020	11/18/2020	5/5/2021	11/16/2021	6/28/2022
Groundwater	SENGW1	ug/L	5	0.8	0.8	0.41	0.368	0.293	0.1	0.1	0.1	0.1	0.1	0.1
	SENGW2	ug/L	5	0.8	0.8	0.04	0.303	0.52	0.1	0.1	0.1	0.1	0.1	0.1
	SENGW6	ug/L	5	0.8	0.8	0.49	0.0961	1.78	0.16	0.57	0.6	1.88	0.4	0.67
	SENGW10	ug/L	4210	2100	3100	1500	1110	922	1290	597	745	306	1020	869
	SENGW12	ug/L	5	0.8	0.8	0.04	0.0982	0.534	0.5	1.01	0.1	0.1	0.1	0.1
	SENGW15	ug/L	16	6		0.15	4.22	0.954	0.1	0.1	0.26	2.32	4.08	0.39
	SENGW16	ug/L	81	190	210	62	14.5	2840	8.61	0.33	6.23	3.73	290	35.9
	SENGW17	ug/L	20	15	0.8	0.04	6.31	9	0.16	0.1	1.14	0.19	0.1	0.13
	SENGW18	ug/L	5	0.8	0.8	0.04	0.0983	0.294	0.1	0.1	0.1	0.1	0.1	0.1
	SENGW19	ug/L	5	0.8	0.8	0.04	0.0973	0.294	0.1	0.1	0.1	0.1	0.1	0.1
	EMM24B	ug/L	27	40	18	6.6	0.101	36.8	0.61	1.91	6.35	3.69	1.26	1.92
	EMM25B	ug/L	5	2.5	29	0.61	0.572	5.74	0.21	0.1	6.44	2.94	1.62	0.1
	EMM26B	ug/L	5	0.8	0.8	0.04	0.0971	0.446	0.1	0.1	0.1	0.1	0.1	0.1
	DNRMW02	ug/L	5	0.8	0.8	0.096	0.298	0.445	0.34	0.2	0.31	0.15	0.1	0.1
	DNRMW03	ug/L	5	0.8	0.8	0.05	0.0997	0.292	0.1	0.1	0.1	0.1	0.1	0.1
Surface Water	SENSW02	ug/L	5	0.8	0.8	0.04	0.0946	0.286	0.1	0.1	0.1	0.1	0.11	0.1
	SENSW03	ug/L	5	0.8	0.8	0.13	0.311	0.501	0.1	0.51	0.16	0.11	0.12	0.1
	PIPE OULET	ug/L	5	0.8	0.8	5.3	0.712	0.572	0.68	0.15	0.91	1.23	0.21	0.1
	SENSW04	ug/L	18	7.1	4.1	3.7	1.49	1.95	0.42	0.26	0.64	1.2	0.17	0.1
	DNRSW09	ug/L	5	4.4	0.8	2.5	1.52	1.1	0.59	0.23	0.34	0.98	0.19	0.1
	SENSW05	ug/L	5	0.8	0.8	0.55	0.326	0.659	0.13	0.04	0.1	0.34	0.1	0.1
	SENSW06	ug/L	5	0.8	0.8	0.27	0.289	0.648	0.1	0.1	0.1	0.16	0.1	0.1

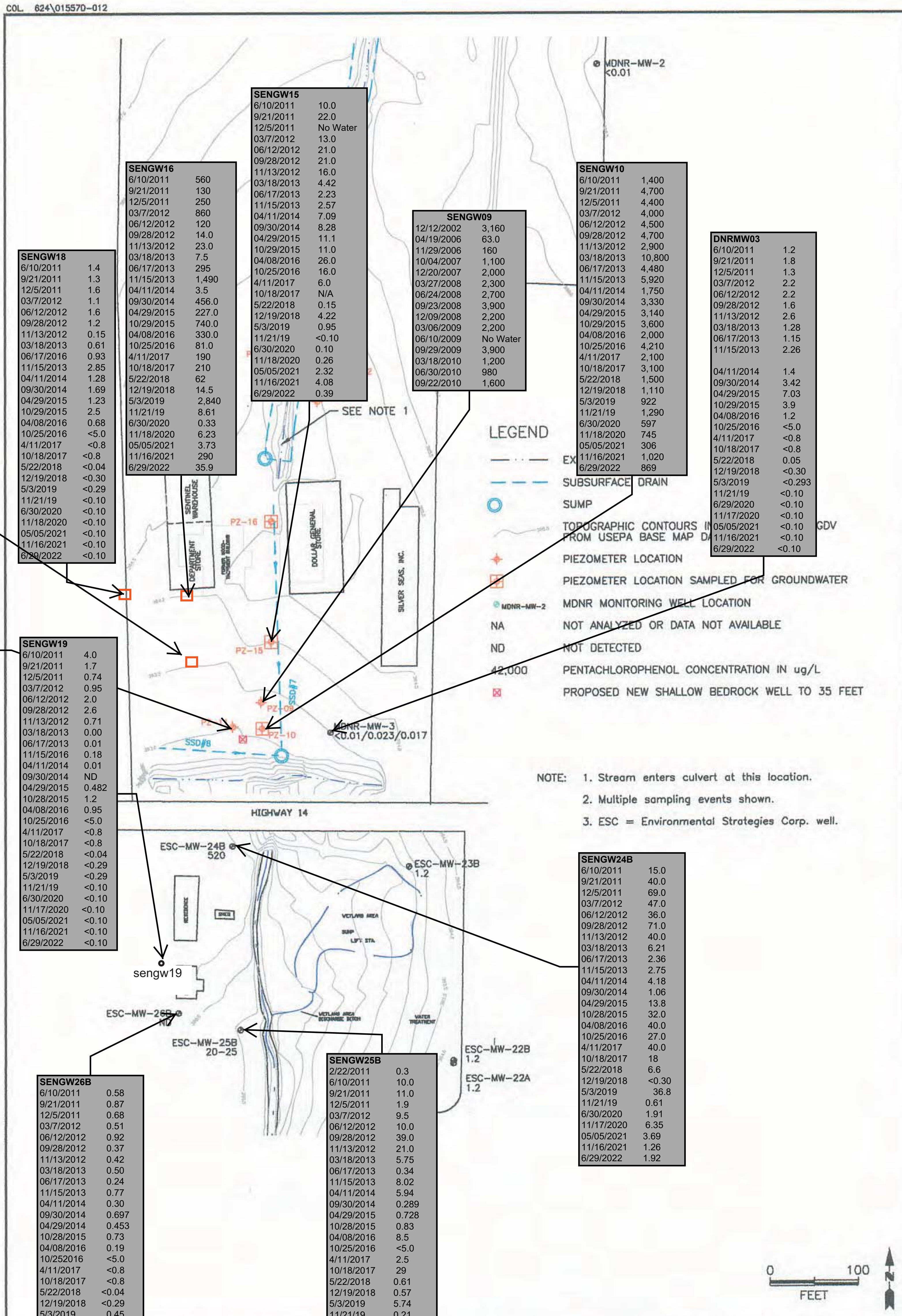
ug/L micrograms per Liter

Concentration exceeds domestic use threshold of 1.0 ug/L



Lafser & Associates, Inc. Saint Louis, Missouri	Pentachlorophenol Concentrations - µg/L North Sector Sentinel Industries - Ava, Missouri	Drawing 1.1 10/18/2017

COL. 624\015570-012



NOTE: 1. Stream enters culvert at this location.
2. Multiple sampling events shown.
3. ESC = Environmental Strategies Corp. well.

SENGW17	
6/10/2011	29.0
9/21/2011	33.0
12/5/2011	38.0
03/7/2012	**32.0**
06/12/2012	24.0
09/28/2012	67.0
11/13/2012	2.0
03/18/2013	2.87
06/17/2013	0.87
11/15/2013	3.15
04/11/2014	2.25
09/30/2014	2.84
04/29/2015	3.49
10/29/2015	46.0
04/08/2016	39.0
10/25/2016	20.0
4/11/2017	15.0
10/18/2017	<0.8
5/22/2018	<0.04
12/19/2018	6.31
5/3/2019	9.0
11/21/19	<0.10
6/30/2020	<0.10
11/18/2020	1.14
05/05/2021	0.19
11/16/2021	<0.10
6/29/2022	0.13

SENGW18	
6/10/2011	1.4
9/21/2011	1.3
12/5/2011	1.6
03/7/2012	1.1
06/12/2012	1.6
09/28/2012	1.2
11/13/2012	0.15
03/18/2013	0.61
06/17/2016	0.93
11/15/2013	2.85
04/11/2014	1.28
09/30/2014	1.69
04/29/2015	1.23
10/29/2015	2.5
04/08/2016	0.68
10/25/2016	<5.0
4/11/2017	<0.8
10/18/2017	<0.8
5/22/2018	<0.04
12/19/2018	<0.30
5/3/2019	<0.29
11/21/19	<0.10
6/30/2020	<0.10
11/18/2020	<0.10
05/05/2021	<0.10
11/16/2021	<0.10
6/29/2022	<0.10

SENGW16	
6/10/2011	560
9/21/2011	130
12/5/2011	250
03/7/2012	860
06/12/2012	120
09/28/2012	14.0
11/13/2012	23.0
03/18/2013	7.5
06/17/2013	295
11/15/2013	1,490
04/11/2014	3.5
09/30/2014	456.0
04/29/2015	227.0
10/29/2015	740.0
04/08/2016	330.0
10/25/2016	81.0
4/11/2017	190
10/18/2017	210
5/22/2018	62
12/19/2018	14.5
5/3/2019	2,840
11/21/19	8.61
6/30/2020	0.33
11/18/2020	6.23
05/05/2021	3.73
11/16/2021	290
6/29/2022	35.9

SENGW15	
6/10/2011	10.0
9/21/2011	22.0
12/5/2011	No Water
03/7/2012	13.0
06/12/2012	21.0
09/28/2012	21.0
11/13/2012	16.0
03/18/2013	4.42
06/17/2013	2.23
11/15/2013	2.57
04/11/2014	7.09
09/30/2014	8.28
04/29/2015	11.1
10/29/2015	11.0
04/08/2016	26.0
10/25/2016	16.0
4/11/2017	6.0
10/18/2017	N/A
5/22/2018	0.15
12/19/2018	4.22
5/3/2019	0.95
11/21/19	<0.10
6/30/2020	0.10
11/18/2020	0.26
05/05/2021	2.32
11/16/2021	4.08
6/29/2022	0.39

SENGW09	
12/12/2002	3,160
04/19/2006	63.0
11/29/2006	160
10/04/2007	1,100
12/20/2007	2,000
03/27/2008	2,300
06/24/2008	2,700
09/23/2008	3,900
12/09/2008	2,200
03/06/2009	2,200
06/10/2009	No Water
09/29/2009	3,900
03/18/2010	1,200
06/30/2010	980
09/22/2010	1,600

SENGW10	
6/10/2011	1,400
9/21/2011	4,700
12/5/2011	4,400
03/7/2012	4,000
06/12/2012	4,500
09/28/2012	4,700
11/13/2012	2,900
03/18/2013	10,800
06/17/2013	4,480
11/15/2013	5,920
04/11/2014	1,750
09/30/2014	3,330
04/29/2015	3,140
10/29/2015	3,600
04/08/2016	2,000
10/25/2016	4,210
4/11/2017	2,100
10/18/2017	3,100
5/22/2018	1,500
12/19/2018	1,110
5/3/2019	922
11/21/19	1,290
6/30/2020	597
11/18/2020	745
05/05/2021	306
11/16/2021	1,020
6/29/2022	869

DNRMW03	
6/10/2011	1.2
9/21/2011	1.8
12/5/2011	1.3
03/7/2012	2.2
06/12/2012	2.2
09/28/2012	1.6
11/13/2012	2.6
03/18/2013	1.28
06/17/2013	1.15
11/15/2013	2.26
04/11/2014	1.4
09/30/2014	3.42
04/29/2015	7.03
10/29/2015	3.9
04/08/2016	1.2
10/25/2016	<5.0
4/11/2017	<0.8
10/18/2017	<0.8
5/22/2018	0.05
12/19/2018	<0.30
5/3/2019	<0.293
11/21/19	<0.10
6/29/2020	<0.10
11/17/2020	<0.10
05/05/2021	<0.10
11/16/2021	<0.10
6/29/2022	<0.10

SENGW11	
12/12/2002	1,790.0
04/19/2006	440.0
11/29/2006	650.0
04/30/2007	360.0
10/04/2007	400.0
12/20/2007	1,500.0
03/27/2008	1,100.0
06/24/2008	1,000.0
09/23/2008	790.0
12/09/2008	580.0
03/06/2009	410.0
06/10/2009	950.0
09/29/2009	620.0
03/18/2010	450.0
06/30/2010	650.0
09/22/2010	540.0

SENGW19	
6/10/2011	4.0
9/21/2011	1.7
12/5/2011	0.74
03/7/2012	0.95
06/12/2012	2.0
09/28/2012	2.6
11/13/2012	0.71
03/18/2013	0.00
06/17/2013	0.01
11/15/2016	0.18
04/11/2014	0.01
09/30/2014	ND
04/29/2015	0.482
10/28/2015	1.2
04/08/2016	0.95
10/25/2016	<5.0
4/11/2017	<0.8
10/18/2017	<0.8
5/22/2018	<0.04
12/19/2018	<0.29
5/3/2019	<0.29
11/21/19	<0.10
6/30/2020	<0.10
11/17/2020	<0.10
05/05/2021	<0.10
11/16/2021	<0.10
6/29/2022	<0.10

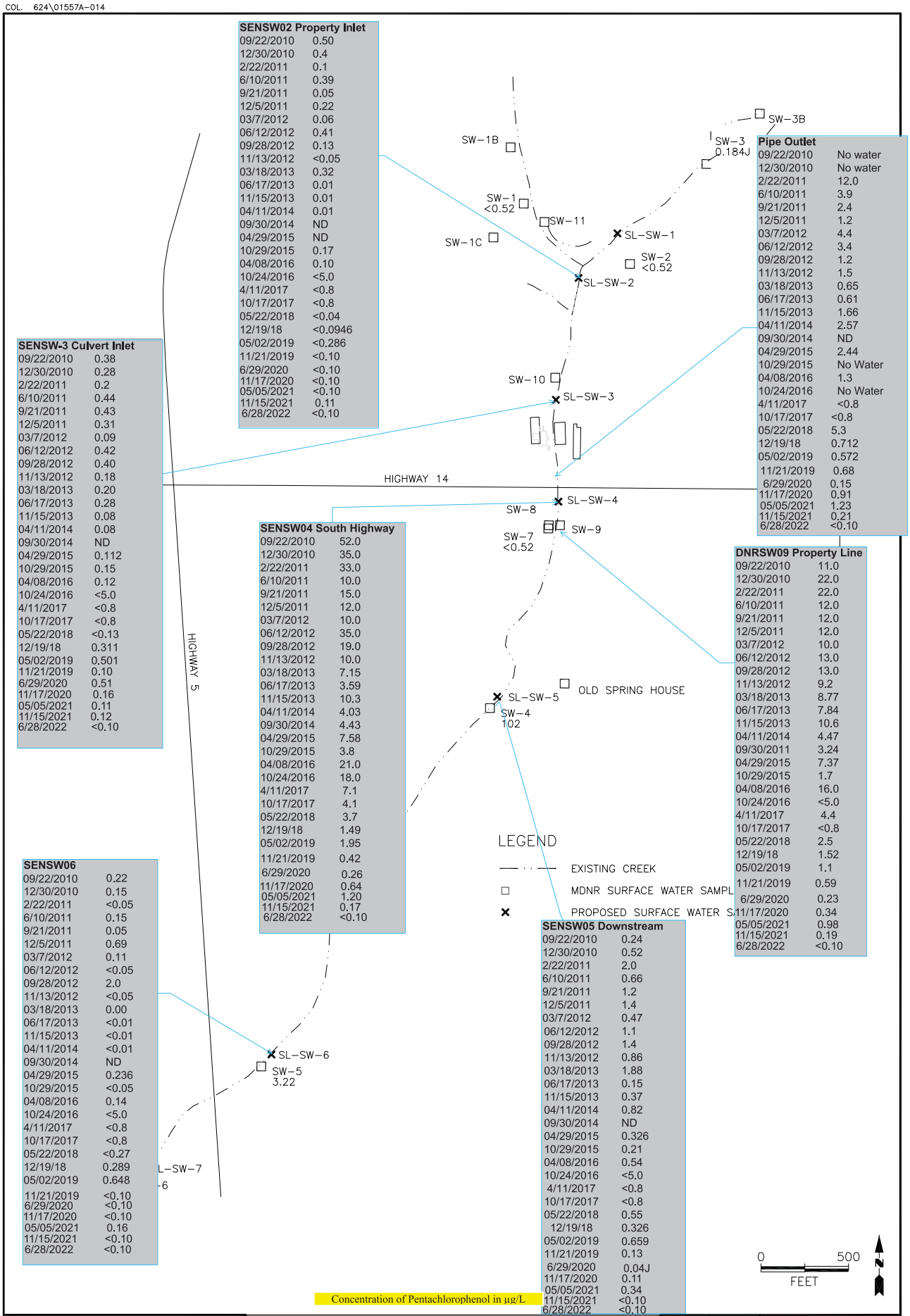
SENGW24B	
6/10/2011	15.0
9/21/2011	40.0
12/5/2011	69.0
03/7/2012	47.0
06/12/2012	36.0
09/28/2012	71.0
11/13/2012	40.0
03/18/2013	6.21
06/17/2013	2.36
11/15/2013	2.75
04/11/2014	4.18
09/30/2014	1.06
04/29/2015	13.8
10/28/2015	32.0
04/08/2016	40.0
10/25/2016	27.0
4/11/2017	40.0
10/18/2017	18
5/22/2018	6.6
12/19/2018	<0.30
5/3/2019	36.8
11/21/19	0.61
6/30/2020	1.91
11/17/2020	6.35
05/05/2021	3.69
11/16/2021	1.26
6/29/2022	1.92

SENGW26B	
6/10/2011	0.58
9/21/2011	0.87
12/5/2011	0.68
03/7/2012	0.51
06/12/2012	0.92
09/28/2012	0.37
11/13/2012	0.42
03/18/2013	0.50
06/17/2013	0.24
11/15/2013	0.77
04/11/2014	0.30
09/30/2014	0.697
04/29/2014	0.453
10/28/2015	0.73
04/08/2016	0.19
10/252016	<5.0
4/11/2017	<0.8
10/18/2017	<0.8
5/22/2018	<0.04
12/19/2018	<0.29
5/3/2019	0.45
11/21/19	<0.10
6/30/2020	<0.10
11/17/2020	<0.10
05/05/2021	<0.10
11/16/2021	<0.10
6/29/2022	<0.10

SENGW25B	
2/22/2011	0.3
6/10/2011	10.0
9/21/2011	11.0
12/5/2011	1.9
03/7/2012	9.5
06/12/2012	10.0
09/28/2012	39.0
11/13/2012	21.0
03/18/2013	5.75
06/17/2013	0.34
11/15/2013	8.02
04/11/2014	5.94
09/30/2014	0.289
04/29/2015	0.728
10/28/2015	0.83
04/08/2016	8.5
10/25/2016	<5.0
4/11/2017	2.5
10/18/2017	29
5/22/2018	0.61
12/19/2018	0.57
5/3/2019	5.74
11/21/19	0.21
6/30/2020	<0.10
11/17/2020	6.44
05/05/2021	2.94
11/16/2021	1.62
6/29/2022	<0.10

Laf... Inc. Saint Louis, Missouri	...ol Concentrations - µg/L ...uth Sector Sentinel Industries - Ava, Missouri	Drawing 1.1 10/18/2017

COL. 624\01557A-014



Lafser & Associates, Inc. Saint Louis. MO	Surface Water Pentachlorophenol Concentrations (ppb) Sentinel Industries Ava, Missouri	DWN:	Drawing # 2.0
		CHKD: APPD:	
		DATE: 9/29/03 REV.: 0	10/27/2017

Attachment A

Groundwater and Surface Water Analytical Data

July 15, 2022

Jacob Gallegos
Lafser & Associates
1000 S. Newstead
St. Louis, MO 63110
TEL: (314) 878-4021
FAX: (314) 878-4442

Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ave, MO **WorkOrder:** 22070061

Dear Jacob Gallegos:

TEKLAB, INC received 23 samples on 7/1/2022 14:30:00 for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Aaron Renner
Project Manager
(630)324-6855
arenner@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: Lafser & Associates
Work Order: 22070061
Client Project: Ave, MO
Report Date: 15-Jul-22

This reporting package includes the following:

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Qualifiers

# -	Unknown hydrocarbon	B -	Analyte detected in associated Method Blank
C -	RL shown is a Client Requested Quantitation Limit	E -	Value above quantitation range
H -	Holding times exceeded	I -	Associated internal standard was outside method criteria
J -	Analyte detected below quantitation limits	M -	Manual Integration used to determine area response
ND -	Not Detected at the Reporting Limit	R -	RPD outside accepted recovery limits
S -	Spike Recovery outside recovery limits	T -	TIC(Tentatively identified compound)
X -	Value exceeds Maximum Contaminant Level		

Case Narrative

http://www.teklabinc.com/

Client: Lafser & Associates
Client Project: Ave, MO

Work Order: 22070061
Report Date: 15-Jul-22

Cooler Receipt Temp: 3.4 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2023	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2023	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2022	Collinsville
Arkansas	ADEQ	88-0966		3/14/2023	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2023	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-001 **Client Sample ID:** SEN SW 06

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 09:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 05:40	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**73.8**	%REC	1	07/09/2022 05:40	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-002 **Client Sample ID:** SEN SW 05

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 09:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 06:05	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**82.6**	%REC	1	07/09/2022 06:05	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-003 **Client Sample ID:** DNR SW 09

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 09:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 06:31	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**116.7**	%REC	1	07/09/2022 06:31	194219

Client: Lafser & Associates
Work Order: 22070061
Client Project: Ave, MO
Report Date: 15-Jul-22
Lab ID: 22070061-004
Client Sample ID: SEN SW 04
Matrix: GROUNDWATER
Collection Date: 06/28/2022 09:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 06:57	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**116.6**	%REC	1	07/09/2022 06:57	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-005 **Client Sample ID:** Pipe Outlet

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 10:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 07:22	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**157.9**	%REC	1	07/09/2022 07:22	194219

Surrogate recovery is outside control limits due to matrix interference.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-006 **Client Sample ID:** SEN SW 03

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 08:39	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**179.6**	%REC	1	07/09/2022 08:39	194219

Surrogate recovery is outside control limits due to matrix interference.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-007 **Client Sample ID:** SEN SW 02

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 09:04	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**81.7**	%REC	1	07/09/2022 09:04	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-008 **Client Sample ID:** SEN GW 12

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 11:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 09:30	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**88.4**	%REC	1	07/09/2022 09:30	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-009 **Client Sample ID:** SEN GW 01

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 12:47

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 09:56	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**71.3**	%REC	1	07/09/2022 09:56	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-010 **Client Sample ID:** SEN GW 06

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**0.67**	µg/L	1	07/09/2022 10:21	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**117.7**	%REC	1	07/09/2022 10:21	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-011 **Client Sample ID:** DNR MW 02

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 15:14

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 10:47	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**80.5**	%REC	1	07/09/2022 10:47	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-012 **Client Sample ID:** SEN GW 02

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 16:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 11:12	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**95.6**	%REC	1	07/09/2022 11:12	194219

Client: Lafser & Associates
Work Order: 22070061
Client Project: Ave, MO
Report Date: 15-Jul-22
Lab ID: 22070061-013
Client Sample ID: DNR MW 03
Matrix: GROUNDWATER
Collection Date: 06/28/2022 16:47

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/09/2022 11:38	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**95.5**	%REC	1	07/09/2022 11:38	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-014 **Client Sample ID:** SEN GW 18

Matrix: GROUNDWATER **Collection Date:** 06/28/2022 17:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/12/2022 15:30	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**76.6**	%REC	1	07/12/2022 15:30	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-015 **Client Sample ID:** SEN GW 19

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 09:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/12/2022 15:56	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**76.5**	%REC	1	07/12/2022 15:56	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-016 **Client Sample ID:** EM MW 26B

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 10:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/12/2022 16:21	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**76.8**	%REC	1	07/12/2022 16:21	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-017 **Client Sample ID:** EM MW 25B

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 10:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**ND**	µg/L	1	07/14/2022 16:34	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**119.6**	%REC	1	07/14/2022 16:34	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-018 **Client Sample ID:** EM MW 24B

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 11:39

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.50		**1.92**	µg/L	5	07/14/2022 17:25	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**126.4**	%REC	5	07/14/2022 17:25	194219

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-019 **Client Sample ID:** SEN GW 17

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 12:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**0.13**	µg/L	1	07/14/2022 16:59	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136		**103.9**	%REC	1	07/14/2022 16:59	194219

Pentachlorophenol exhibited a greater than 40% RPD between columns due to matrix interference. The lower result is reported.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-020 **Client Sample ID:** SEN GW 16

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 13:29

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	10.0		**33.6**	µg/L	100	07/13/2022 11:04	194219
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**0**	%REC	100	07/13/2022 11:04	194219

Surrogate recovery is outside control limits due to sample dilution.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-021 **Client Sample ID:** SEN GW 16D

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 13:29

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	10.0		**35.9**	µg/L	100	07/13/2022 11:30	194250
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**0**	%REC	100	07/13/2022 11:30	194250

Surrogate recovery is outside control limits due to sample dilution.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-022 **Client Sample ID:** SEN GW 15

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 13:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	0.10		**0.39**	µg/L	1	07/12/2022 19:48	194250
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**0**	%REC	1	07/12/2022 19:48	194250

Surrogate recovery is outside control limits due to matrix interference.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

Lab ID: 22070061-023 **Client Sample ID:** SEN GW 10

Matrix: GROUNDWATER **Collection Date:** 06/29/2022 14:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD								
Pentachlorophenol	NELAP	50.0		**869**	µg/L	500	07/13/2022 13:13	194250
Surr: 2,4-Dichlorophenylacetic acid	*	18.4-136	S	**0**	%REC	500	07/13/2022 13:13	194250

Surrogate recovery is outside control limits due to sample dilution.

Client: Lafser & Associates **Work Order:** 22070061

Client Project: Ave, MO **Report Date:** 15-Jul-22

SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD

Batch 194219 **SampType:** MBLK Units µg/L

SampID: MBLK-194219

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Pentachlorophenol		0.10		**ND**						07/09/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**0.64**	0.8000		79.8	46	112	07/09/2022

Batch 194219 **SampType:** LCS Units µg/L

SampID: LCS-194219

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Pentachlorophenol		0.10		**0.64**	0.8000	0	79.4	49.6	114	07/09/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**0.65**	0.8000		81.3	46	112	07/09/2022

Batch 194219 **SampType:** LCSD Units µg/L RPD Limit **30**

SampID: LCSD-194219

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Pentachlorophenol		0.10		**0.73**	0.8000	0	91.3	0.6353	13.96	07/09/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**0.76**	0.8000		94.5			07/09/2022

Batch 194250 **SampType:** MBLK Units µg/L

SampID: MBLK-194250

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Pentachlorophenol		0.10		**ND**						07/12/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**1.60**	1.600		100.0	46	112	07/12/2022

Batch 194250 **SampType:** LCS Units µg/L

SampID: LCS-194250

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Pentachlorophenol		0.10		**0.57**	0.8000	0	71.2	49.6	114	07/12/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**0.56**	0.8000		69.5	46	112	07/12/2022

Batch 194250 **SampType:** LCSD Units µg/L RPD Limit **30**

SampID: LCSD-194250

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Pentachlorophenol		0.10		**0.62**	0.8000	0	77.1	0.5696	7.99	07/12/2022
Surr: 2,4-Dichlorophenylacetic acid	*			**0.64**	0.8000		80.0			07/12/2022

Receiving Check List

http://www.teklabinc.com/

Client: Lafser & Associates
Client Project: Ave, MO

Work Order: 22070061
Report Date: 15-Jul-22

Carrier: Paul Anderson

Received By: PWR

Completed by: Payton Yoch
On: 01-Jul-22

Reviewed by: Elizabeth A. Hurley
On: 01-Jul-22

Pages to follow: Chain of custody 3 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.4
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 2207006

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	Lafser & Associates		
Address:	1000 S. Newstead Ave, Suite 2		
City / State / Zip	St. Louis, MO 63110		
Contact:	Jacob Gallegos	**Phone:**	(314) 878-4021
E-Mail:	jgallegos@lafser.com	**Fax:**	

Samples on: [X] ICE [ ] BLUE ICE [ ] NO ICE 3.4 °C LTG# 1

Preserved in: [X] LAB [ ] FIELD

FOR LAB USE ONLY

Lab Notes

Client Comments: MRBCA

Are these samples known to be involved in litigation? If yes, a surcharge will apply [ ] Yes [X] No

Are these samples known to be hazardous? [ ] Yes [X] No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. [X] Yes [ ] No

Project Name/Number: Ava, MO

Sample Collector's Name: Paul Anderson

Results Requested: [X] Standard [ ] 1-2 Day (100% Surcharge) [ ] Other ____ [ ] 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: Pentachlorophenol
2207006-001	SEN SW 06	6/28/2022 0915	1													X	✓
002	SEN SW 05	0930	1													X	✓
003	DNR SW 09	0945	1													X	✓
004	SEN SW 04	0955	1													X	✓
005	PIPE OUTLET	1005	1													X	✓
006	SEN SW 03	1020	1													X	✓
007	SEN SW 02	1030	1													X	✓
008	SEN GW 12	1145	1													X	✓
009	SEN GW 01	1247	1													X	✓
010	SEN GW 06	1400	1													X	✓

Relinquished By	Date/Time	Received By	Date/Time
Paul Anderson	7/01/2022 1430		7/1/22 1430

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 73559

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 2207C401

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	Lafser & Associates		
Address:	1000 S. Newstead Ave, Suite 2		
City / State / Zip	St. Louis, MO 63110		
Contact:	Jacob Gallegos	**Phone:**	(314) 878-4021
E-Mail:	jgallegos@lafser.com	**Fax:**	

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE ____ °C LTG# ____

Preserved in: ☒ LAB ☒ FIELD

FOR LAB USE ONLY

Lab Notes

Client Comments: MRBCA

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number: Ava, MO

Sample Collector's Name: Paul Anderson

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: Pentachlorophenol
011	DNR MW 02	6/28/2022 1514	1													X	✓
012	SEN GW 02	1600	1													X	✓
013	DNR MW 03	1647	1													X	✓
014 ~~015~~	SEN GW 18	1757	1													X	✓
015 ~~016~~	SEN GW 19	6/29/2022 0944	1													X	✓
016 ~~017~~	EM MW 26B	1025	1													X	✓
017 ~~018~~	EM MW 25B	1058	1													X	✓
018 ~~019~~	EM MW 24B	1139	1													X	✓
019 ~~020~~	SEN GW 17	1225	1													X	✓
020 ~~021~~	SEN GW 16	1329	1													X	✓

Relinquished By	Date/Time	Received By	Date/Time
Paul Anderson	7/01/2022 1430		7/1/22 1430

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 73559

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 22070061

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	Lafser & Associates		
Address:	1000 S. Newstead Ave, Suite 2		
City / State / Zip	St. Louis, MO 63110		
Contact:	Jacob Gallegos	**Phone:**	(314) 878-4021
E-Mail:	jgallegos@lafser.com	**Fax:**	

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE ____ °C LTG# ____

Preserved in: ☒ LAB ☒ FIELD

FOR LAB USE ONLY

Lab Notes

Client Comments: MRBCA

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number: Ava, MO

Sample Collector's Name: Paul Andersan

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Dther ____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: Pentachlorophenol
022	SEN GW 16D	6/29/2022 1329	1													X	✓
023	SEN GW 15	1357	1													X	✓
024	SEN GW 10	1437	1													X	✓

Relinquished By	Date/Time	Received By	Date/Time
Paul Andersan	7/01/2022 1430		7/1/22 1430

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BottleOrder: 73559